

BAEV, G.; SAMARDJIEV, D. [Samardzhiev, D.]; HRISTOSKOV, L. [Khristoskov, L.];
YUSKISELIEVA, L. [IUskeselieva, L.]

Observation of the fleeting umbrae during the solar eclipse of February
15, 1961. Doklady BAN 15 no.4:369-372 '62.

1. Submitted by Academician L. Krastanov [Krustanov, L.]. Chlen
Redaktsionnoy kollegii i otvetstvennyy redaktor, "Doklady Bolgarskoy
akademii nauk."

ACC NR: AT7005563

SOURCE CODE: BU/2506/66/008/000/0083/0092

AUTHOR: Khristoskov, Lyudmil

ORG: none

TITLE: Determination of magnitude from the duration of seismic vibrations

SOURCE: Bulgarska akademiya na naukite. Geofizichniya institut. Izvestiya, v. 8, 1966, 83-92

TOPIC TAGS: earthquake, seismicity, seismic vibration, earthquake magnitude, seismograph, seismic wave

ABSTRACT: The determination of an earthquake's magnitude from the duration (τ) of seismic vibrations has many advantages over other methods; this is especially true of mass processing of a large amount of data. In some cases duration is the only criterion that can be used for this purpose. A relationship is established between τ and Δ . It is shown that τ can be expressed as a function of magnitude,

$$M = a + b \lg \tau - cd + d\Delta^n,$$

(1)

Card 1/2

UDC: none

ACC NR: AT7005563

which for a subcritical epicentral distance (Δ_k) can be expressed by the formula

$$M = a + b \lg r - c \Delta. \quad (2)$$

For the Wiechert seismograph at the Sofia station $a = 1.99$, $b = 2.59$, and $c = 0.22 \times 10^{-2}$. The duration of vibrations in surface waves (τ_L) also depends on Δ . For a seismograph with analogous frequency characteristics, but with different magnification, the difference between logarithms of duration results only in changes in coefficient a in formula (2). Orig. art. has: 16 formulas and 3 figures. [CS]

SUB CODE: 08/ SUBM DATE: 28Jun65/ ORIG REF: 001/ OTH REF: 003/ SOV REF: 002/
ATD PRESS: 5115

Card 2/2

HOLUB, Karel; KHRISTOSKOV, Lyudmil

Short period seismic noise at the Sofia station. Studia
geophys 7 no.1:68-71 '63.

1. Geofizicheskiy institut, Chekhoslovatskaya akademiya nauk,
Praha 4 - Sporilov, Bocni II (for Holub). 2. Geofizicheskiy
institut, Bulgarskaya akademiya nauk, Sofiya, Moskovskaya
6 (for Khristoskov).

KHRISTOV, N.

The chestnut tree, a valuable wood species. p.22. TEKHNIKA. (Suiuz za nauchno-tekhnicheskite druzhestva v Bulgariia) Sofia. Vol. 5, no. 1, Jan./Feb. 1956

SOURCE: East European Accessions List, (EEAL), Library of Congress, Vol. 5, no. 12, December 1956

KHRISTOSKOV, H.

Cultivating walnut trees in our country. p.17.

GORSIO STOPANSTVO VOL. 12, no. 1, Jan. 1956

Sofiya, Bulgaria

so. EAST EUROPEAN ACCESSIONS LIST VOL. 5, no. 7, July 1956

KHRISTOSKOV, N.

"Our experiment in afforestation with poplars in the Danube River country."

p. 26 (Gorsko Stopanstvo, Vol. 14, no. 4, 1958, Sofia, Bulgaria)

Monthly Index East European Accessions (EEAI) LC, Vol. 7, No. 9,
September 1958

SHIPKOVENSKI, N.; DITSOVA, A.; KHRISTOSOV, Kh.

Neurasthenia as a social and typological problem. Suvrem. med.,
Sofia 7 no.5:3-11 1956.

1. Iz Katedrata po psikiatrija pri VMI--Sofia, sav. katedrata:
G. Uzunov.

(NEURASTHENIA,
soc. aspects (Bul))

KHRISTOV, A.

KHRISTOV, A. Presowing preparation of the soil after the late crops in northwest
Bulgaria. p.16.

Vol. 11, no. 9, Sept. 1956

KOOPERATIVNO ZEMEDELIE

AGRICULTURE

Sofia, Bulgaria

SO: East European Accession, Vol. 6, No. 3, March 1957

Rj AM

Кинистру (А.) & Раилов (К. В.). Доводите на праховидните фунгициди върху възможността на заразнените семена при максимално напращане. [The effect of fungicidal dusts on the germination of vegetable seed when maximum dusting is employed.]—Reprinted from *Семепроизводство [Seed Production]*, iv, 1-2, 6 pp., 1945.

In comparative tests conducted over a period of ten years in Bulgaria, the highest germination rates of vegetable seeds treated with fungicidal dusts were as follows: red cabbage with porzol (*R.A.M.*, xvii, p. 450) 87.75 per cent., tillantin R. (*ibid.*, xxvi, p. 187) 85.75, control 79.5; white cabbage with copper carbonate (*ibid.*, xxvi, p. 324) 83.5, tillantin 78.75, control 60.5; dill [*Prucedanum granulosum*] with copper carbonate 76, cerezan 71.25, control 67.5; pepper with tillantin 96.25, control 96.75; radish with copper carbonate 84.25, tillantin 82.25, control 44.25; lettuce with porzol 86, copper carbonate 81.75, control 81.5; eggplant with tillantin 73.25, porzol 69.75, control 45. In one test granoman and cerezan completely controlled *Athyraria radicina* (*ibid.*, xxv, p. 378) on heavily infested carrot seed.

R of AM

Климентов (А.). Гъби причиняващи петносамото на макомитъ кутинки и
модулаването на тѣлцетѣ семки. [Fungi causing spots on the balls, and
moulding the seed of Opium Poppy.]—*Comm. Zool. Omm. Muzem, Bzanos*
[*J. agric. Exp. Sta Bulgaria*], xiii, 1/2, pp. 13-19, 4 figs., 1943. [English
summary. Received December, 1945.]

An examination of opium poppy (*Papaver somniferum*) balls from three dif-
ferent areas in Bulgaria during the years 1936 to 1937 showed the following fungi
as causal agents of spotting and seed infection. *Peroneospora arbuscula* (R.A.M.,
xii, p. 89) under favourable conditions attacked poppy balls throughout the
vegetation period, causing premature withering or abnormal development. *Pleo-
spora calocarpa* (ibid., xiii, p. 120) usually causes more or less severe losses. In
humid conditions the hyphae on the spots penetrate inward, causing moulding of
the seed (ibid., xi, p. 478). *Alternaria brassicae* var. *somniferum*, first noted in
Bulgaria in 1909, has since been observed in the Sofia and other areas on *Papaver
somniferum* and in the former on *P. orientale*. This semi-parasitic fungus primarily
attacks poppy plants towards the end of the vegetation period, causing dry,
irregular, yellow to greyish-brown spots, dark to pale yellow at the circumference.
There have been cases where the fungus appeared early and caused considerable
damage. The pathogenicity of the fungus was established by inoculations on plants
at various stages of growth, the incubation period being six days, and the fungus
was successfully reisolated. *Fusarium corypi* var. *caudatum* (ibid., xii, p. 468),
parasitic on the roots of sweet potato, has been reported as semi-parasitic on
opium poppies in Bulgaria. Infected leaves displayed precocious growth, at first
developing whitish-yellow, ill-defined spots, which sometimes became brown at the
centre. On the stems the elongated spots were ill defined, light yellow to brown,
occasionally turning to brown or dark brown. This fungus is frequently encoun-
tered under field conditions, causing spotting of poppy plants and moulding of
their seed. The dry, rounded, yellow to greenish-brown spots frequently coalesce

over

and embrace the whole upper part of the plant. Seed from infected plants sown in sterilized soil yielded stunted seedlings, which assumed a reddish-brown colour at the base. The fungus affects the hypocotyl and cotyledons, on which whitish-brown to brown spots appear. *Hormodendrum cladosporeoides* [ibid., xviii, p. 84; xxi, p. 531], a form of *Mycosphaerella tularensis*, with spores measuring 7-5 to 24 by 2-5 to 6-6 μ , usually uni-, rarely quadricellular, was isolated from poppy seeds, the lower leaves of plants grown from infected seed being attacked and becoming yellow-brown at the base. *Ophiobolus sativus* causes the formation on poppy leaves of small, dry, round to polygonal spots, grey at first, becoming brown to dark brown in the centre at maturity and finally surrounded by a dark, oily, brownish-green halo. The conidiophores measured 37 to 66-5 by 19-5 to 26-5 μ and were 3- to 5-septate, developing on characteristic markedly articulate conidiophores. In form, dimensions, septation, and variation, the *Helmintosporium* state was fully consonant with *H. sativum* and inoculations of barley with the poppy isolate gave positive results.

On rare occasions the following organisms showed limited pathogenicity to poppy plants: *Macrosporium brevidolus* [ibid., iv, p. 313], *Fusarium* sp., *Trichotharum ramosum*, *Sclerotinia* sp., *Rhizopus* sp., *Penicillium* sp., and *Mucor muscicola*.

Control measures recommended are destruction of stubble of the former poppy crop, use of disease-free seed, seed disinfection with 0-05 per cent. mercuric chloride for one hour or 0-25 per cent. formaldehyde for 15 minutes, and spraying the plants, especially the heads, with 1 per cent. Bordeaux mixture and resin soap.

R of A 11

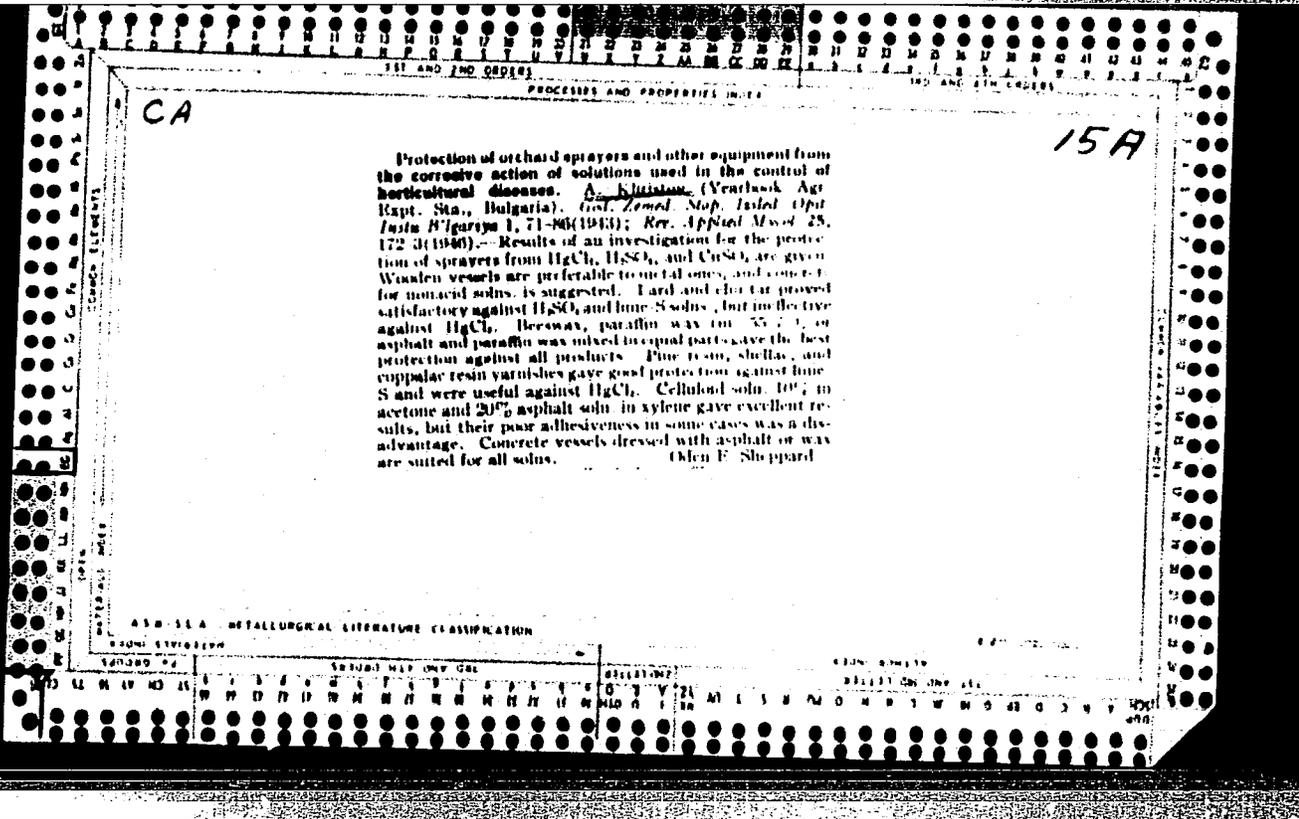
Князев (А.). Какво се прави домашно споровооцено на колонидална сера. [Directions for preparing home-made colloidal sulphur.]—*Земед. Нав.*, Благослав (Agric. Sci., Bulgaria), 1, 1, pp. 1-22, 1 pl., 1946.

A useful home-made colloidal sulphur spray can be prepared from two solutions, one consisting of 1 l. glue solution (10 to 20 per cent.) added to 10 l. water, plus 0.4 l. concentrated lime-sulphur solution at 25° Baumé, and the other 30 gm. ground potassium permanganate in 10 l. water; the latter solution is poured slowly into the first, which should be well stirred meanwhile. An addition of water to this mixture to make 50 l. produces a sulphur content of 1 in 500, the preparation having an alkaline reaction of pH > 8.4, being pale ochre in colour and possessing good wetting and adhesive qualities. It should be freshly made to prevent aggregation of the sulphur particles, but 30 c.c. concentrated sulphuric acid, added until a milky-white solution is obtained, and having an acid reaction of approximately pH 4.2, as in the case of commercial sulphur, will enable it to keep several days. Home-made colloidal sulphur proved as effective as lime-sulphur at 1 in 50 for spraying apple seedlings against mildew [*Podosphaera leucotricha*]. Jonathan apples in 1945 showed 85 per cent. of the fruit attacked by *Pentaria inaequalis* in the controls, 12 per cent. on trees sprayed with osan at 1:1,000, 11.5 per cent. at 1:500, and 5.5 per cent. on those treated with home-made colloidal sulphur.

Rj AM

КАРИШТОВ (А.) Изучение зимних спорангиев на поверхности почвы на зимних
Polystigma rubrum (Persoon) de Candolle. II. Учености на условия на
отростите на зимних и спороангиев на спороангиев на зимних зимних
спору *Conocytia*. [Studies of red leaf spot disease of Plum—*Polystigma rubrum*
(Persoon) de Candolle. II. Conditions governing stromatal development
of the pathogen and the use of cultural methods in combating the disease.]
—*Semden. Hesz., Glasnik (Agric. Sci., Bulgaria)*, i, 2, pp. 23-32, 1946.

In this study of the red leaf spot disease of plums (*Polystigma rubrum*) [R.A.M.,
xvi, p. 302], the author found that premature abscission of the leaves, due to
acute infection, depressed the vitality of the stromata and influenced the degree
of infection during the following growing season. Stromata which have not over-
wintered do not mature; 10 weeks' low-temperature humidity is required for their
full development. Ploughing-under of the fallen leaves does not kill the stromata,
which will mature in early spring and induce infection if exposed on the surface
of the soil by the next ploughing. If, however, they remain buried, they die before
spring. Therefore, orchards ploughed during the dormant season should not be
re-ploughed during the following growing period. Lime amendments to orchard
soil had no effect on the stromata, but sulphur, stable dung, or potassium fertilisers
impaired their vitality. Treatment with bonemeal or green manure contri-
buted to eliminate stromata from the subsoil. Stromata wintering on the soil
surface are weakened by foliage sprays of 1 per cent. Bordeaux mixture, iron
sulphate, or 10 per cent. sulphur solution, applied in autumn before leaf-fall, and
subsoil stromata are killed. One per cent. borax is lethal even to those on the
surface. The ascospores being the sole source of infection, such treatments should
reduce the incidence of the disease considerably in the following season.



15H

CA

Red leaf spot disease of plum, *Polystigma rubrum* (Persoon) de Candolle. A. J. Sheppard. *Ag. Sci. Bulgaria* 1, 20-32; (1940); *Rev. Appl. Mycol.* 25, 157(1940)

This study of the red leaf spot disease of plums (*Polystigma rubrum*) showed that premature abscission of the leaves due to acute infection depressed the vitality of the stomata and influenced the degree of infection during the following growing season. Lime amendments to orchard soil had no effect on the stomata, but S, stable dung, or K fertilizers impaired their vitality. Treatment with bone-meal or green manure contributed to eliminate stomata from the subsoil. Stomata wintering on the soil surface are weakened by foliage sprays of 1% Bordeaux mixt., iron sulfate, or 10% S soln. applied in autumn before leaf fall and subsoil stomata are killed. One % borax is lethal even to those on the surface. Olen P. Sheppard

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

KRISTOV (A.). *ОТРОСЛОВИЯ*. [Phytopathology].—608 pp., 73 figs., Sofia,
Published for the University Students' Aid Fund in Bulgaria, No. 128, 1947.
[Mimeographed.]

This book contains abbreviated records of lectures on plant diseases given at the
Sofia State University during 1946-7, and is divided into two sections, I (pp. 16-
119) non-infectious diseases caused by chemical factors (soil deficiency and excess
nutrients) and weather conditions, II (pp. 120-607) infectious diseases (virus

diseases [pp. 120-187], bacterial [pp. 188-245], fungal [pp. 246-586], and those due
to higher plants [pp. 587-601]).

KHRISTOV, A.

Flowing stubbled fields. p. 15.

Vol. 10, no. 6, June 1955
KOOOPERATIVNO ZEMEDELIE
Sofiya, Bulgaria

So: Eastern European Accession Vol. 5 No. 1 Jan. 1956

Country : BULGARIA
Category : Cultivated Plants. Cereals. Leguminous Plants.
Tropical Cereals. M

Abs Jour : RZhBiol., No 6, 1959, No 24821

Author : Radomirov, P.; ~~Kristov, A.~~; Vasilev, I.

Inst : "G. Dimitrov" Agricultural Institute.

Title : Investigation of Pre-Sowing Soil Treatment
under Wheat on Typical Chernozem and Bitu-
minous Soil.

Orig Pub : Nauchni tr. Vissh. selskostop. in-t "G. Dimi-
trov". Zootekhn. fak., 1956, 6, 19-46

Abstract : Results of triennial experiments by the Agricul-
tural Scientific Research Institute in Knezh (the
soil is typical chernozem) and by the Agricultu-
ral Experimental Station (chernozem-bituminous).
In a dry autumn, on typical chernozem and on
bituminous soil, disking or cultivation appears
to be the most appropriate pre-sowing soil

Card : 1/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722330004-0"

Category : Cultivated Plants. Cereals. Leguminous Plants.
Tropical Cereals. M

Abs Jour : RZhBiol., No 6, 1959, No 24821

Author :

Inst :

Title :

Orig Pub :

Abstract : treatment after the harvesting of the thorough-
plowed crops. In a humid autumn, the advantages
of a small pre-sowing treatment, following the
late predecessors, diminish. On early green fal-
lows, the most effective treatment is early deep
plowing on 20-22 cm 3-4 months before sowing. --
A. F. Khlystova

Card : 2/2

Country : Bulgaria 0
Category : Plant Diseases. Diseases of Cultivated Plants.

KHRISTOV, ALEKSANDUR.

Spetsialna fitopatologija; bolesti na kulturnite rastenija v Bulgaria. 2., prer. izd. Sofija, Durzh. izd-vo za selkostopanska lit-ra, 1959. 631 p. BULGARIA

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959
Uncl.

KHRISTOV, A., inzh.; KOTSEV, V., gl. inzh.

Insulation of mine fires with the airproof layer of synthetic rubber over the fireproofing equipment. Min delo 17 no.8:43 Ag '62.

1. Durzhavno minno predpriatie "Bobov dol".

KHRISTOV, A.A.; MARKOVSKIY, F.I.

Rapid method of determining the actual light fraction content of rocks
from the figg. Koks i khim. no.1:8-9 '63. (MIRA 16:2)

1. Dnepropetrovskiy koksokhimicheskiy zavod.
(Coal preparation)

EMBIETEV, A. I., Engineer

Chief of Lithuanian Section of the Ministry of Geology of the USSR

Scientific monograph about the Geology of Lithuania & Her Natural Resources

Soviet Source: N: Sovetskaya Litva, Velnus

Abstracted in USAF "Treasure Island" on file in Library of Congress, Air Information Div.,
Report No. 062619

KHRISTOV, A.P.

"On the Selection of the Most Rational Single Split, Symmetrical Turnout and Crossover Switches for Bulgarian Railroads." Cand Tech Sci, Leningrad Order of Lenin Inst of Railroad Transport Engineers imeni Academician V. N. Obratsov, Min of Railways USSR, Leningrad, 1955. (KL, No 15 Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

KHRISTOV, B.

"How we abolished the land rent; strengthened funds of the collective farm" (p. 23)

KOOPERATIVNO ZEMEDELIE

(Ministerstvo na zemedelieto) Sofiya Vol 8 No 12 1953

SO: East European Accessions List Vol 2 No 7 Aug 1954

GERSHONOV, EL.; KHRISTOV, B.

Hoisting and transport operations, and their bearing on the
economic indexes of foundry shops. *Machinostroene* 12 no.6:
7-9 Je'63.

PECHEV, M.; KHRISTOV, B.

At the "Balkanton" Gramophone Record Plant. Radio i televizia
13 no. 5:131-133 '64

GERSHONOV, El.; KHRISTOV, B.

Mechanization of hoisting and conveying work in foundries, and its effectiveness. Mashinostroens 12 no.6:3-7 S '63.

KHRISTOV, B.; SAKALYAN, K. [Sakalian, K.]; BYCHVAROV, N. [Buchvarov, N.]

Automatic recorder of the reactor-activated wires. Doklady BAN
15 no.3:249-252 '62.

1. Predstavleno akad. G. Nadzhakovym [Nadzhakov, G.], chlen
Redaktsionnoy kollegii, "Doklady Bolgarskoy Akademii Nauk."

KHRISTOV, B.; SHISHOV, A1.

The wonderful world of numbers. (To be contd.) Nauka i tekhnolozhiya
no. 2:10-11, 19 F '57.

KHRISTOV, B.; SHISHOV, A1.

The wonderful world of numbers. (Conclusion) Nauka i tekhnolozhiya no.3:
3-4 Mr '57.

GRIGOROV, Liubomir S., inzh.; KHRISTOV, Bozhan, B.

Electrical and physical methods and appliances for determining
quality of building materials. Tekhnika Bulg 13 no.8:24-25 '64.

KHRISTOV, Gh., inzh.

Some peculiarities in constructing pneumatic compensation transmitters for pressure or differences in pressure.
Mashinostroene 13 no.10:20-23 0 '64.

1. Scientific Research Institute for the Design, Construction, and Manufacture of Instruments, and Automation.

KHRISTOV, D.

The problem of training qualified cadres for forest supervisors.
When working with ambition. A deserved reward. Thirty years service
in forest preservation.

(GORSKO STOPANSTVO) Vol. 13, no. 6, June 1957,
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

KHRISTOV, D.

1
 Dialkylaminoacyl derivatives of the phenothiazine group.
 III. Diethylaminopropionyl derivatives of 2,7-dichloro-
 phenothiazine, D. Simov and D. Khristov. *Compt. rend. acad. bulgar. sci.* 11, 481-4 (1968) (in Russian) (German summary); cf. *C.A.* 52, 14823c; 53, 9227k. — Acylation of 2,7-dichlorophenothiazine gave 10-propionyl-2,7-dichlorophenothiazine (I) and 10-(α -bromopropionyl)-2,7-dichlorophenothiazine (II); I m. 112-14°, yield 43%; II m. 121-3°, yield 66%. The Br in II was replaced by R₂N- by direct interaction with R₂NH. The products were isolated as HCl salts; 10-(α -dimethylaminopropionyl)phenothiazine-HCl m. 224°, yield 80%; 10-(α -diethylaminopropionyl)phenothiazine-HCl m. 202-3°, yield 58%; 10-(α -piperidinopropionyl)phenothiazine-HCl m. 205-7°, yield 85%.
 M. I. Newlands —

LCN
AI

3
299 (N2)
4E 2c (y)

JK

DIMOV, D.; HRISTOV, D. [Khristov, D.]

Anhydrous stanochloride as accelerant in resin vulcanization of one type of butyl rubber. Doklady BAN 16, no.6:613-616 '63.

1. Zavod avtomobil'nykh shin imeni G.Dimitrova, Sofiya, i Kafedra organicheskoy khimicheskoy tekhnologii Sofiyskogo gosudarstvennogo universiteta. Submitted by Academician G.Rankov.

KHRISTOV, D.

Flange couplings with changing elasticity. Mashinostroyeniye 13
no. 5223-27 '64

KHRISTOV, Dim.

Transplantation of organs. Prir i snanie 13 no.4:4-7 Ap '60.
(EEAI 9:10)

(TRANSPLANTATION (PHYSIOLOGY))
(SURGERY)

KHRISTOV, Dim

From the egg to the chicken. Prir i znanie 15 no.2:1-4, F '62.

KHRISTOV, Dim.

Nucleic acids and their biological importance. Biol i khim
5 no. 2:12-17 '63.

KHRISTOV, Dimitur; RASHEV, Zakhari

Changes in serum proteins in the development of chicken embryos.
Godishnik biol 56 no.1:29-38 '61-'62 [publ. '64].

1. Chair of Physiology and Biochemistry of Animals and Man
of the Faculty of Biology, Geography, and Geology of the
University of Sofia, Sofia (Head of the Chair: G.Gushterov).

KHRISTOV, Dimitur Iv.

Studies of nucleic acids and proteins in the blood of various breeds of hens. Godishnik biol 56 no.1:39-56 '61-'62 [publ. '64].

1. Chair of Physiology and Biochemistry of Animals and Man of the Faculty of Biology, Geography, and Geology of the University of Sofia, Sofia (Head of the Chair: G.Gushterov).

KHRISTOV, Dimitur Iv.; DONEVA, Ruska V.

Influence of potassium permanganate on the respiration and glycolysis in the tissues of chicken embryos. Godishnik biol 57 no.1:33-44 '62-'63 [publ. '64].

1. Chair of Physiology and Biochemistry of Animals and Man of the Faculty of Biology, Geography, and Geology of the University of Sofia, Sofia.

KHRISTOV, Dimitur, st. nauchen sutrudnik; BOIADZHIEV, Ivan, nauchen
sutrudnik

Biological and technological studies in the Soviet highly pro-
ductive silkworm hybrids and breeds. Trud Inst tekstil prom
2:33-52 '62.

1. The Silkworm Experiment Station, Kharmanli (for Khristov).
2. Scientific Research Institute for the Textile Industry (for
Boiadzhiev).

KHRISTOV, Dimitur

Size of feeding shelves in silkworm breeding. Izv Zhivotn nauki 1 no.1:73-80 '64.

1. Complex Experiment Station, Khaskovo.

KHRISTOV, Dimitur

Effect of temperature and length of cooling of silkworm
seed on the embryonal diapause of the silkworm. Izv Zhivotn
nauki 1 no.2:83-94 '64.

1. Complex Experiment Station, Khaskovo.

KHRISTOV, Dimitur Iv.

Influence of maganese and iodine on the growth of chicken embryos and chickens, and on the content of proteins and nucleic acids in the tissues. Godishnik biol 57 no.1:15-31 '62-'63 [publ. '64].

1. Chair of Physiology and Biochemistry of Animals and Man of the Faculty of Biology, Geography, and Geology of the University of Sofia.

KHRISTOV, D.; KARATVANOV, St.; NENOV, N.

Gradual azeotropic dehydration of the hexahydrates of nickel chloride and cobaltous chloride. Godishnik khim 55 no.3:33-48 '60/61 (publ.'62).

KHRISTOV, D.; KARAIVANOV, St.; KOLUSHKI, V.

Preparation of anhydrous chlorides through the interaction of thionyl chloride with certain metallic salts. Godishnik khim 55 no.3:49-66 '60/61 (publ.'62).

CHRISTOV, D. [Khrstov, D.]; NENOV, N.; KARAIVANOV, S.

Azeotropic dehydration, with methyl ethyl ketone, of the crystal hydrates in the oxalic and citric acids. Doklady BAN 15 no.8: 841-844 '62.

1. Lehrstuhl für Organisch-Chemische Technologie an der Universität, Sofia. Vorgelegt von Akademiemitglied G. Rankoff [Rankov, G.].

KHRISTOV, Dim.

Changes in human organism due to aging. Prir i znanie 15 no.9:1-5
N '62.

KHRISTOV, Dimitur, st. asistent

Structure and biosynthesis of albumins. Biol i khim 6 no. 3:
1-6 '63.

1. SDU.

MUTAFCHIEV, Iv.; KHRISTOV, Du., kand. na tekhn. nauki, dots.

The exploitation survey, important factor for an increased stockpile in operating mines. Min delo 17 no.6:13-18 '62.

1. Upravlenie "Geolozhki prouchvaniia i okhrana na zemnite nedra" (for Mutafchiev). 2. Minno-geolozhi institut (for Khristov).

KHRISTOV, Dimitur Iv.

Treatment of chicken embryos with products and preparations
from some other breeds. Godishnik biol 54/55 no.1:91-116
'59/60-'60-61 [publ. '62].

KHRISTOV, EMIL

KHRISTOV, Emil

Indispensable improvements in the setup and distribution of
the fund of an enterprise. Trud tseni 5 no.4:47-53 '63

PETROV, Aleksandr; KHRISTOV, EMIL'

Aroma of the valley of roses. Znan. sila 38 no.9:22-23 S '63.
(MIRA 16:12)

KHRISTOV, E.

KHRISTOV, E.

"Increasing the variety of textiles and other substances derived from petroleum products", P. 33., (TESHKA PROMISHLENOST, Vol. 3, No. 10, 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, NO. 6, June 1955, Uncl.

KHRISTOV, EV.

Antiregeneration steps. p. 25. RADIO. (Ministerstvo na pohsite, telegrafite, telefonite i radioto i Tsentralniiia suvet na dobrovolnata organizatsiia za sudeistvie na otbranata) Sofiya. Vol. 4, no. 5, 1955

SOURCE: East European Accessions List, (EEAL), Library of Congress
Vol. 4, No. 12, December 1955

KHRISTOV, E.

Push Pull Driver Stage. Radio Engineering, #5:25:May 55

KHRISTOV, E.

Negative Feedback. Radio Engineering, #6:13:June 55

KHRISTOV, E.

Oscillograph circuit as a universal device for measuring. p. 66.

Vol. 4, no. 7/8, 1955
RADIO
Sofiya, Bulgaria

So: Eastern European Accession Vol. 5 No. 4 April 1956

KHRISTOV, EV.

Measuring the Inductance and Capacity according to the Resonance Method. "RADIO" Ministry of Communications, #10:44:Oct. 55

KHRISTOV, E.

KHRISTOV, E. Measurement of inductance and capacity

How to convert a battery-operated set into one with utility power.
p.46.

Vol. 4, no. 10, 1955

RADIO

TECHNOLOGY

Sofiya, Bulgaria

So: East European Accessions, Vol. 5, no. 5, May 1956

KHRISTOV, EV.

Master the Construction of Radios. "RADIO" Ministry of Communications,
#11:1:Nov. 55

KHRISTOV, E.

KHRISTOV, E. Electronic voltage regulator tube. p. 36.

Vol. 5, No. 3, 1956.

RADIO

TECHNOLOGY

Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 2, Feb. 1957

KHRLSTOV, E.

Transit-time oscillator tubes. p. 36.

(RADIO I TELEVIZIIA, Vol. 6, no. 5, 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

CHRISTOV, Ph. [Khristov, F.]

Experiment for changing the envelope form of vowels. Doklady BAN
17 no.4:373-375 '64.

1. Submitted by Corresponding Member E.Djakov [Dzhakov, E.].

KHRISTOV, Filip, inzh.

The 10-watt Hi-Fi amplifier. Radio i televizia ll no.7:211-213 '62.

KHRISTOV, Filip, inzh.

Structure of the sound agreeing phonemes in the Bulgarian language. Tekhnika Bulg 12 no.5:11-15 '63.

CHRISTOV, Fh. [Khristov, F.]

Experiments with electroacoustic deformations of phonems.
Doklady BAN 16 no.2:125-127 '63.

1. Submitted by Corresponding Member E. Djakov [Dzhakov, E.].

KHRISTOV, F., inzh.

The small studio for the sonification of amateur films. Radio i
televiziia 11 no.10:309-310 '62.

KHRISTOV, Filip, inzh.

New methods for the study of phonemes. Tekhnika Bulg 11
no.6:215-218 '62.

KIRJSTOV, Gencho, inzh.

Exchange of experiences between our cotton-spinning mills.
Tekstilna prom 11 no.4:31-33 '62.

KHRISTOV, G.

MARKOV, Vl., akademik prof. d-r; IACHEVA, Zdr., Dots. d-r; BURDAROV, Sv.,
d-r; KHRISTOV, G., d-r; NEICHEV, Sl., d-r; MARKOV, K., d-r

Bacterial findings in water from various thermal sources. Isv.
mikrob. inst., Sofia Vol.3:33-56 1952.

1. Mikrobiologicheski instiut pri BAN (for Markov). 2. Mikrobiologi-
cheski institut pri Meditsinskata akademija Vulko Chervenkov. (for
Iacheva, Burdarov, Khristov, Neichev, Markov)
(MINERAL WATER, bacteriology,)

KHRISTOV, G

MITOV, A.; IVANOV, N.; SAVOV, S.; TEODOSIEV, L.; KHRISTOV, G.; IONKOV, S.;
ASSA, N.; KAITAZOV, G.; DRAGIEV, M.; KRUSEVA, Yu.

Results of investigation in benign leptospirosis in southern Bulgaria.
Izv. mikrob. inst., Sofia Vol. 3:57-82 1952.

1. Izvursheni v Propedevtichnata vutreshna klinika, v sutrudnichestvo
s Patologo-anatomichnii i Mikrobiologichnii instituti pri Meditsin-
skata Akademiia I.P.Pavlov, Plovdiv.

(LEPTOSPIROSIS, statistics,
Bulgaria)

KHRISTOV, G.

MITOV, A., dots.; SAVOV, S.; PANTHV, I.; ASA, N.; TEODOSINV, L.;
KHRISTOV, G.; KAITAZOV, G.

Epidemiological considerations on carriers of benign leptospirosis
in Bulgaria. Suvrem. med., Sofia 5 no.2:74-80 1954.

1. Iz Propedevtichnata vutreshna klinika pri Meditsinskata
akademia I.P.Pavlov, Flovdiv (sav: dots. A.Mitov).

(LEPTOSPIROSIS, epidemiology,

*Bulgaria, carriage by rodents)

(RODENTS,

*transm. of leptospirosis in Bulgaria)

KHRISTOV, G. D.

Selection of antibiotics in the treatment of infectious diseases.
Suvrem.med., Sofia. 5 no.10:94-99 1954.

1. Iz Instituta po mikrobiologija pri Meditsinskata akademija
Vulko Chervenkov, Sofia. (direktor: akad. Vl. Markov)
(ANTIBIOTICS, therapeutic use,
selection)

GOLEMINOVA, R., asistent pri Ochnata klinika; KHRISTOV, G., asistent pri
Instituta po mikrobiologija.

Possibilities of application of phytoncides in ophthalmologic
practice. 2. Application of phytoncides in ocular inflammatory
diseases. Khirurgia 7 no.2:101-105 1954.

1. Meditsinska akademija V. Chervenkov, Sofija. Ochna klinika.
Direktor: dots. D. Danilov. 2. Institut po mikrobiologija.
Direktor: akad. Vl. Markov.

(EYE, diseases,

*inflamm. dis., ther., phytoncides)

(PLANTS,

*phytoncides, ther. of eye dis.)

Khrstov, G.

IVANOV, N.; GIUROV, M.; SAVOV, S.; KHRISTOV, G.; PANTEV, I.

Dynamic investigation of certain changes in the blood and its practical significance in rheumatic disease. Suvrem.med., Sofia 6 no.3:35-40 1955.

1. Is Propedevtichnata vutreshna klinika pri Visshia meditsinski institut I.P.Pavlov-Plovdiv (zav.katedrata: dots. A.Mitov)
(RHEUMATISM, blood in.)
(BLOOD, in various diseases, rheum.)

KHRISTOV, G.; GOLEMINOVA, R.

Phytoncides in ophthalmologic practice. I. Utilisation of non-volatile phytoncides. Khirurgia, Sofia 8 no.5:432-439 '55.

1. Vissih meditsinski institut V. Chervenkov--Sofia institut po mikrobiologija, direktor: akas. Vl. Markov, vissih meditsinski institut V. Chervenkov--Sofia ochna klinika direktor: dots. D. Danilov.

(EYE, diseases,
ther.phytoncides)

(PLANTS,
phytoncides, ther. of eye dis.)

BULGARIA/Cultivated Plants. Grains..

M

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20279.

Author : D. Vylchanov, S. Dimitrov, I. Dobрева-Vylchanova,
G. Khristov

Inst : Not given.

Title : The Effect of Cutting the Panicles of Corn on the
Yield.
(Vliyaniye obrezki metelok kukuruzy na urozhay).

Orig Pub: Selkostop. mis"1, 1956, 1, No 8, 471-474.

Abstract: To replenish lacks in coarse fodder in Southern
Bulgaria, corn panicles are cut at the height of
the attachment of the cob during the phase of milky
ripeness. Tests conducted under production condi-
tions showed that this method lowers the grain
yield not less than by 8%.

Card : 1/1

EXCERPTA MEDICA Sec.4 Vol.11/2 Med. Microbiol. 1956. 7

CHRISTOV G.

287. BACTERIAL FLORA ON NORMAL AND INFLAMED CONJUNCTIVA (Bulgarian text). Christov G. BULL. INST. MICROBIOL. ACAD. BULG. SCI. 1956, 7 (107-120) Tables 7

In Bulgaria the bacterial flora on the conjunctiva was studied in 885 persons. In normal cases the presence of Staphylococcus albus and Corynebacterium xerosis was the most frequent. In cases of acute inflammation of the conjunctiva, in the first place Staphylococcus aureus as well as α and β haemolytic streptococci were isolated. Pneumococcus, diphtheria bacillus, Morax-Axenfeld's microbe and

287

Koch-Weeks' bacillus were only very rarely observed. In cases of chronic inflammation of the conjunctiva there was a predominance of *Staphylococcus albus* either alone or in combination with other microbes. Christov - Sofia (IV, 12)

KHRISTOV, G.

"Dyspeptic colibacteria in patients of some hospitals in Sofia."

IZVESTIIA. Seria EKSPERIMENTALNA BIOLOGIJA I MEDITSINA, Sofia, Bulgaria,
No. 2, 1957.

Monthly List of East European Accessions Index (EEAI), The Library of
Congress, Volume 8, No. 8, August 1959.

Unclassified

KHRISTOV, G.

Morphological changes of microbes in patients treated by antibiotics and sulfathiazole. *Khirurgija*, Sofia 12 no.10:870-838 '59.

1. *Vissh meditsinski institut - Sofia. Katedra po mikrobiologija.*
Zav.katedrata: dots. Sv. Burdarov.
(ANTIBIOTICS ther.)
(SULFATHIAZOLES ther.)

KHRISTOV, G.

Monilial cystitis following 2-day administration of blomycin.
Khirurgia, Sofia 12 no.11:975-978 '59.

1. Vissh meditsinski institut - Sofia. Katedra po mikrobiologija.
Zav.katedrata: dots. Sv. Burdarov.
(CYSTITIS etiol.)
(MONILIASIS etiol.)
(CHLORTETRACYCLINE toxicol.)

KHRISTOV,G.,d-r; MARKOV,S.I.d-r

The antagonist of dyspeptic coli bacteria in the normal intestinal flora in infants. Izv. mikrob. inst., Sofia no.11:221-233 '60.

(ESCHERICHIA COLI)
(INTESTINES microbiol.)
(INFANT NEWBORN)
(STREPTOCOCCUS FARCALIS)

KHRISTOV, Georgi D.

~~SURNAME (In caps), Given Name~~

Country: Bulgaria

Academic Degrees: not indicated

Affiliation: not indicated

Source: Sofia, Khigiiena, No 1, Jan/Feb 61, pp 43-47

Data: "Micro-morphologic and Cultural Tests Conducted With Various Serologic Types of Streptococci."

KHRISTOV, G.

(13)

1611, KOZLOV, GIGERMOV, KHEZELI, ZHUK, Vol 14, No 3, 1961 (cont'd)

17. "Specificity of the Fluorochrome Oxaline in the Cytochemical Analysis of DNA" SV. AGEN, PP 291-302.

18. "Antimicrobial Properties of Honey" C. KHISROV and St. GADJIOV, PP 303-306.

19. "On Natural and Antibiotic- or Sulphonamide-Induced Volutin Inclusions in Certain Microbes" G. KHISROV

20. "On the Detection of Nucleic Acids in the Nucleus of the Yeast *Saccharomyces cerevisiae*" (in English) G.A. VASKELIYEV-KHAYKOVSKI, PP 311-314.

21. "Cytological Studies on the Growth of Preserved London *Saccharomyces*" G. KHISROV, I. JABALOV and B. KOSTALOV, PP 315-316 (in English)

22. "On the Inflammatory-Repairing Changes Induced in the Liver of Frog (*Rana ridibundus* Pall.) by Microtubular Organisms" G. VASKELIYEV, G. KHISROV, I. JABALOV, B. KOSTALOV and V. TERZIEV, PP 317-320.

23. "Changes of the Hemopoiesis in Frog After Stimulation in the Hypothalamic Area" B. VASKELIYEV, PP 321-324.

KHRISTOV, G.D.

14

Solov, Doklady Akademiya Nauk SSSR, Vol. 15, No. 8, 1951 (English translation)

12. "The Relation between the Specific Heat and the Moisture Content of Food Products," A. G. Pivkin (in French with Russian summary) pp 373-375.
13. "Notes on Structural and Microscopic Particularities of the Kozak Ham and its Microscopic Analysis," G. G. Pivkin and A. Kozlov (in English with Russian summary) pp 376-383.
14. "Method of Investigating Food Pressure in Specific of Jams," E. N. Ruzhkov (in Russian with German summary) pp 384-386.
15. "Synthetical Studies of Tardic Acids (CMI and CMI) in Curcuma Aurantia Goleo (Black) Curcuma, G. A. Raditskiy, M. A. Raditskiy, M. A. Raditskiy and R. Kabanov (in English with Russian summary) pp 385-387.
16. "New Data on Urinary Purinoids Hydrolysis," M. Kuznetsov (in English with Russian summary) pp 388-391.
17. "Studies on the Synthesis of Carbohydrates, Nucleosides, Nucleotides and Antibiotics," L. Kozlov, L. Pivkin, G. A. Raditskiy and V. Elkov (in English with Russian summary) pp 392-396.
18. "Synthesis of the Tardic Acids (CMI and CMI) in Curcuma Aurantia Goleo (Black) Curcuma," G. A. Raditskiy, M. A. Raditskiy, M. A. Raditskiy and R. Kabanov (in Russian with Russian summary) pp 397-400.
19. "New Method of Quantitative Analysis of Tardic Acid CMI Purinoids," M. Kuznetsov, R. Kabanov and A. Kabanov (in French with Russian summary) pp 401-404.
20. "On the Structure of the Purinoid of the Ham of Rabbits Fed with Artificially Prepared Food," G. A. Raditskiy (in English with Russian summary) pp 405-408.
21. "On the Purification of Carbohydrates of the CMI Group," G. D. Khrystov (in French with Russian summary) pp 409-412.
22. "Changes in the Electrical Conductivity of the Skin when Tardic Acid is Present on the Skin," G. D. Khrystov (in German with Russian summary) pp 413-416.
23. "The Influence of Tardic Acid on the Synthesis of the Purinoid of Ham of Rabbits Fed with Artificially Prepared Food," G. D. Khrystov (in French with Russian summary) pp 417-420.

- 3/5 -

KHRISTOV, G.

A case of echinococcosis of the liver successfully treated by the resection of the left lobe of the liver. Khirurgia, Sofia 14 no.4: 451-453 '61.

1. Klinika po bolnichna khirurgia, Vissh meditsinski institut, Sofia.

(ECHINOCOCCOSIS surg) (LIVER DISEASES surg)

AVRAMOV, A.; KHRISTOV, G.

A case of sarcoma of the small intestine in a 5-year-old child causing invagination. Khirurgia, Sofia 14 no.9:837-839 '61.

1. Iz katedrata po bolnichna khirurgia pri EMI, Sofia.

(INTESTINE SMALL neoplasms)
(SARCOMA in inf & child)
(INTUSSUSCEPTION in inf & child)

KHRISTOV, G.; MLADENOV, St.

Bee honey in surgical practice. Anti-microbial properties of honey.
Khirurgiia (Sofia) 14 no.10:937-946 '61.

1. Vissh meditsinski institut, Sofia Katedra po mikrobiologii Zav.
katedrata: prof. Sv. Burdarov.

(HONEY pharmacol)

KHRISTOV, G. D., d-r, starshi nauchen sutrudnik

Bacteria and viruses in cancer etiology. Priroda Bulg 11 no. 1:49-55
Ja-F 62.

1. NIOI.

*

CHRISTOV, G. [Khristov, G.]

Volutin and nuclear masses of microorganisms under the action of penicillin and sulfathiazole. Doklady BAN 15 no.1:97-100 '62.

1. Note présentée par Wl. Markov [Markov, Vl.], membre de l'Academie.

KHRISTOV, G. [Khristov, G.]

Antimicrobial properties of the aroma in roses and certain other flowers. Doklady BAN 15 no.3:321-324 '62.

1. Note présentée par Vl. Markov [Markov, Vl.], membre de l'Académie.

K CHRISTOV, G.

Antimicrobial properties of rose water obtained from Kazanlik roses.
Dokl. bolg. akad. nauk 15 no.4:431-434 '62.

1. Note presentee par W. Markov, membre de l'Academie.
(STAPHYLOCOCCUS) (STREPTOCOCCUS) (CORYNEBACTERIUM DIPHTHERIAE)
(KLEBSIELLA) (ESCHERICHIA COLI) (PROTEUS) (PSEUDOMONAS)
(BACILLUS ANTHRACIS) (PLANTS)

KHRISTOV, G.

On the usage of some new antibiotics. Khirurgia 15 no.4:
392-400 '62.

(ANTIBIOTICS ther)

KHRISTOV, G.

A case of splenectomy in hemolytic anemia with fatal outcome
due to massive thrombosis diagnosed during autopsy.
Khirurgia 15 no.5/6:548-550 '62.

1. Iz Klinikata po bolnichna khirurgia pri VMI [Vish med-
tsinski institut] - Sofia.
(SPLEEN surg) (ANEMIA HEMOLYTIC compl)
(THROMBOSIS etiol)